

ABSTRACT

A method or apparatus for analyzing an object includes an X-ray prescanner that performs a prescan of the object to determine prescan information about the object.

Then, a CT scanner performs a CT scan on at least one plane of the object based on the

5 prescan information to determine CT information. In one embodiment, if the CT scan of the object includes or is in the vicinity of metal, then metal artifact correction of a

reconstructed image from the CT scan is performed based on the prescan information. In another embodiment, a processor analyzes the CT information and the prescan

10 information to determine whether to update the prescan information based on the CT